90. SI No. 1935
(Corrn-2)

Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 3rd and ~~Final~~ Part Bill

SBR No

Division : RR Nagar Division

Date.....20.....

Estimate Cost (Rs.) :-1500.00 Lakhs

Sub-Division : Yashwanthapura -Sub Division

Bill Received No .....

Scheduled Docket No: .....Dated.....

Cash Book Voucher No.....dated.....

Head of Account : P-3744-01 D.R. No:

Name of Work (as per sanctioned estimate): Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Job Code:-017-20-0000007

Name of Contractor and Full Address: **R.Lokesh, Chikka Adugodi, Bangalore-560029**

Reference to Agreement No /Wo No: EE/RRND/Wo.No/000085 Dt:-14/09/2020

Certified that the measurements were taken by me on 24/06/2021 and recorded of Pages No 598001 to 598007 Of measurement Book No : 5981 and that the work is satisfactorily executed.

Signature of Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on 24/06/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within	12450046
2)	Deduct amount to be held in reserve being.....percent Rs.....	659543
3)	Balance	5938503
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....-	2970000
	Amount adjusted towards cash advance recovery of	593900
	b) Payments cost store or other materials supplied.	593900
	Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque/Cash	593900
5)	Balance being unpaid value of work done held in reserve	593900
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	1535360
		59343
7)	Net amount due to or from contractor Unadjusted items	6940303
8)	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	5244 44000
		5938 4303

Contractor's Signature

Received Rs... .....(in works)

.....

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated.....

Signature of Contractor

(For use in the Office)

Admitted Rs. 5938 4303 : 00

Cheque Rs. 5244 44000 : 00

Five crore twenty four lakh forty four thousand only

Adjustment Rs 6940303, Executive Engineer

Paid by me by cheque No..... Dated.....

Cash Rs..... Dated.....

Initials of Officer Making Payment

Case

Accounts Superintendent

Executive Engineer

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1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)Complete as per the direction of Engineer in charge with all lead and lift	Sqm	13265.28	112.00	8162.94	914249.00	5102.34	112.00	571462.00	13265.28	[illegible] 148571	
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications Complete as per the direction of Engineer in charge with all lead and lift	Cum	12286.14	238.00	6012.44	1430961.00	6273.40	238.00	1493069.00	12285.84	2924030.00	
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per specifications Complete as per the direction of Engineer in charge with all lead and lift	Sqm	302.11	4524.00	128.56	581615.00	173.54	4524.00	785095.00	302.10	1366710.00	
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.Wall & bottom thickness 15cm Complete as per the direction of Engineer in charge with all lead and lift	Cum	637.09	7141.00	320.26	2286970.00	316.83	7141.00	2262483.00	637.09	4549453.00	
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. Complete as per the direction of Engineer in charge with all lead and lift	ton	40.46	73050.00	16.36	1195251.00	24.10	73050.00	1760505.00	40.46	2955756.00	
6	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.-do with solid concrete blocks of size 400*200*200 mm Complete as per the direction of Engineer in charge with all lead and lift	Sqm	10331.60	976.00	8237.48	8039782.00	2094.12	976.00	2043861.00	10331.60	10083643.00	
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications.– do – cement mortar 1:3 Complete as per the direction of Engineer in charge with all lead and lift	Sqm	31676.80	152.00	20381.28	3097955.00	11295.52	152.00	1716919.00	31676.80	4814874.00	
8	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in For Coping , including cost of all materials, labour, HOM curing omplete as per specifications. SComplete as per the direction of Engineer in charge with all lead and lift	Cum	1187.88	5656.00	588.57	3328975.00	599.31	5656.00	3389697.00	1187.88	6718672.00	

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			Qty	Rate Rs.	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	Rs
9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.- do - 10 cms thick Complete as per the direction of Engineer in charge with all lead and lift	Sqm	7085.92	976.00	4015.60	3919226.00	3070.32	976.00	2996632.00	7085.92	6915858.00	
10	Providing one line dressing to granite stone slab / granite stone masonry as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm	7085.92	960.00	4001.40	3841346.00	3084.52	960.00	2961139.00	7085.92	6802485.00	
11	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be recorded) Complete as per the direction of Engineer in charge with all lead and lift	Sqm	33068.00	62.00	21095.20	1307903.00	11972.80	62.00	742314.00	33068.00	2050217.00	
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded granite Jelly of 20 mm and down size with steel Reinforcement, including form work lift charges, curing and concrete finished surface on both sides etc., as per drawing and the direction of Enginner-in-charge.Data Rate	Sqm	219.20	5476.00	122.38	670153.00	96.82	5476.00	530186.00	219.20	1200339.00	
13	Removing and resetting of kerb stones.Complete as per the direction of Engineer in charge with all lead and lift	Sqm	14047.80	106.00	6367.25	674929.00	7680.55	106.00	814138.00	14047.80	1489067.00	
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., Complete as per the direction of Engineer in charge with all lead and lift	no's	20700.00	460.00	6192.00	2848320.00	14508.00	460.00	6673680.00	20700.00	9522000.00	
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm	9345.20	86.00	0.00	0.00	0.00	86.00	0.00	0.00	0.00	
16	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Cum	2316.14	85.00	1707.98	145179.00	608.15	85.00	51693.00	2316.13	196872.00	
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Cum	2215.80	2000.00	853.99	1707984.00	1361.05	2000.00	2722100.00	2215.04	4430084.00	
18	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Cum	3397.56	2000.00	1309.45	2618909.00	2088.11	2000.00	4176220.00	3397.56	6795129.00	
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge.	Sqm	14772.01	30.00	5693.28	170798.00	9078.73	30.00	272362.00	14772.01	443160.00	

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	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm	56523.24	5.00	32001.43	160007.00	24509.44	5.00	122547.00	56510.87	282554.00	
21	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm	127818.49	13.00	69696.14	906050.00	58122.40	13.00	755591.00	127818.54	1661641.00	
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen.	Cum	3564.76	7010.00	1884.74	13211996.00	1680.03	7010.00	11777010.00	3564.77	24989006.00	
23	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen Complete as per the	Cum	2851.81	8010.00	1507.79	12077385.00	1344.02	8010.00	10765600.00	2851.81	22842985.00	
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm	5321.63	463.00	0.00	0.00	0.00	463.00	0.00	0.00	0.00	

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23	Road markers / Road stud Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications Complete as per the direction of Engineer in charge with all lead and lift	no's	9460.00	361.00	0.00	0.00	0.00	361.00	0.00	0.00	0.00
	Total					65135943			59384303.00		124520246.00
	GST 12%								7126116.36		14932429.52
	Grand Total								66510419.36		139462675.52

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

Contractor Representative

Assistant Engineer
Ward No 17

For SAPIENCE CONSULTANTS

Authorised Signatory
Consultant Representative

Asst.Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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